

WHAT IS CLAIMED IS:

1. An insulation-displacement terminal fitting (T), comprising: a base wall (11), first and second opposed side walls (12) projecting from opposite sides of the base wall (11) and defining a wire-receiving space between the side walls (12), each said side wall 12 being provided with at least one V-shaped insulation-displacement portion (15) projecting into the wire-receiving space, at least one lock (17; 18) projecting into the wire-receiving space in a position spaced from the insulation-displacement portions (15), whereby a wire (W) can be inserted into the wire-receiving space sufficiently for cutting a resin coating (Wa) of the wire (W) by projecting ends of the insulation-displacement portions (15) and bringing a core (Wb) of the wire (W) into contact with the projecting ends of the insulation-displacement portions (15), and wherein the lock (17; 18) bites into at least the resin coating (Wa).

2. An insulation-displacement terminal fitting according to claim 1, wherein the lock (17; 18) is formed by cutting and bending a portion of a selected one of the base wall (11) and the side wall (12).

3. An insulation-displacement terminal fitting according to a claim 1, wherein the lock (17) projects substantially at right angles to at least one of the side wall (12) and the bottom wall (11).

4. An insulation-displacement terminal fitting according to claim 1, wherein the lock (18) is inclined obliquely to project in a direction opposite from an acting direction of an external force along the longitudinal direction of the wire (W).



Sub 61

9. An insulation-displacement terminal fitting (T), comprising: a base wall (11), first and second opposed side walls (12) projecting from opposite sides of the base wall (11) and defining a wire-receiving space between the side walls (12), each said side wall 12 being provided with at least one V-shaped insulation-displacement portion (15) projecting into the wire-receiving space, each said side wall further having at least one substantially planar lock (17; 18) projecting into the wire-receiving space in a position spaced from the insulation-displacement portions (15), whereby a wire (W) can be inserted into the wire-receiving space sufficiently for cutting a resin coating (Wa) of the wire (W) by projecting ends of the insulation-displacement portions (15) and bringing a core (Wb) of the wire (W) into contact with the projecting ends of the insulation-displacement portions (15), and wherein the locks (17; 18) bite into at least the resin coating (Wa).

10. An insulation-displacement terminal fitting according to claim 9, wherein the locks (18) are aligned substantially normal to the respective side wall (12).

11. An insulation-displacement terminal fitting according to claim 9, wherein the locks (18) are inclined obliquely to project in a direction opposite from an acting direction of an external force along the longitudinal direction of the wire (W).

12. An insulation-displacement terminal fitting according to claim 9, wherein the locks (17; 18) project by a sufficient distance for contacting the core (Wb).

13. An insulation-displacement terminal fitting according to claim 12, wherein the locks (17; 18) and the insulation-displacement portions (15) project substantially equal distances from the respective side walls (12).

al 14. An insulation-displacement terminal fitting according to claim 9, comprising a front end defining an engaging portion (13) for engaging a mating terminal, the insulation displacement-terminal portions (15) being rearward of the engaging portion (13), the locks (17; 18) being rearward of the insulation-displacement portions (15).

0593931 062901